

DG-5 The Digital Keyless Entry System Operation User's Manual

1. Features:

- ◆ 4 digit codes (5 digit codes available by special order)
- Tamper Switch Included
- Door Reed Switch Input for Anti-Trailing
- 10 user PINs
- Fully Programmable via keypad and master code
- Non-Volatile Memory
- ◆ Invalid PIN Lock-out

Specifications:

- ◆ Operating Voltage: 9~14 Vdc
- ◆ Current Draw: Average 20mA, Peak 70mA @ 12Vdc
- ◆ Input: One request-to-exit, and time out reed switch
- Relays: N.O./N.C./Com. Output (free voltage contact), 3A@ 125Vac or 30Vdc
- ◆ Case Material: ABS (UL94V0)
- ◆ Operating Temperature:-20~+70°C
- Ambient Humidity:0~95% relative humidity noncondensing
- ♦ Visual Signals:
 - Green: Power on
 - Red: Relay activated
 - Yellow: Program Mode \ Lock-out
- ◆ Factory Master Code: 1234
- Invalid PIN Lockout: System will shut down 60 seconds while 6 times of incorrectly password attempted.
- ◆ Relay Activation Time: (*20)
 - Pulse mode: 1~99 seconds (01~99)
 - Latching mode (00)
- EPROM: Non-volatile memory, System will retain all programs and codes after a total loss of power.
- ◆ User PINs: (*01~*10) It is possible to program 10 different user PIN codes.

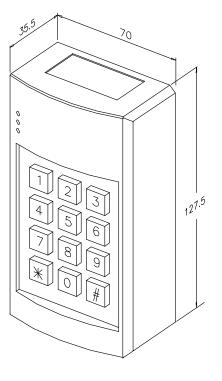
3. Program Instruction:

♦ Enter Program Mode:

- 1. Enter the master code twice (Factory master is 「1234」)
 - →2 beeps and the Yellow LED will light up.
 - → you are now in the "programming mode".
- 2. Note: After 60 seconds if you have not entered any codes or data, the system will automatically exit from the programming mode. After 6 wrong attempts at the master code the lockout facility will operate.

Exiting from the program mode:

1. Press 「#」 to exit from the programming mode.





2. Note: After 60 seconds if you have not entered any codes or data, the system will automatically exit from the programming mode. After 6 wrong attempts at the master code the lockout facility will operate.

◆ To Enter a User Code:

Enter the Programming mode

- Enter the slot position code 「*01~*10」 →????? (user code 4 digit) → (beep)
 →enrolled→ Press # to exit from the programming mode, or program other operating.
- 2. Note: The codes"0000", "1234" or master code are not be used for PIN code.

♦ To Program Relocking Timer (relay):

Enter the Programming mode

- 1. Press 「 * 20 」 Followed by the number of seconds the relay should open→ 「05」 = 5 seconds (01 ~99 = seconds) → (beep) →enrolled → Press 「#」 to exit from the programming mode, or program other operating.
- 2. Enter \(\cap 00 \) Sets the relay to latching mode. (Correct code entered opens the relay, and the relay stays open until the correct code is entered again).

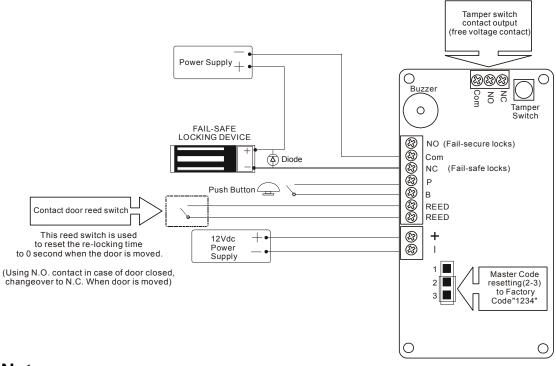
◆ To Delete a User Code :

Enter the Programming mode \rightarrow Press the slot position code of your choice to delete (example "06") \rightarrow Press $\lceil *06 \rfloor \rightarrow \lceil 0000 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow \lceil 0000 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow \lceil 0000 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow \lceil 0000 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow \lceil 0000 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow \lceil 0000 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow \lceil 0000 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow \lceil 0000 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow \lceil 0000 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rfloor \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\lceil *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\mid *06 \rceil \rightarrow$ (beep) \rightarrow delete \rightarrow Press $\mid *06 \rceil \rightarrow$ delete \rightarrow Press $\mid *06 \rceil$

♦ To Change the Master codes:

Enter the Programming mode, Enter $\lceil *00 \rfloor$ Followed by the new 4 digit master code— (beep) —enrolled—Enter $\lceil # \rfloor$ to exit from the programming mode, or program other operating.

4. Wiring diagram:



Note:

The varistor or diode must be connected across the lock terminal (electromagnet...) operated by the device. The vartistor controls the overload produced by the strike coil (EMP).